- 8. An optical coupling system according to claim 1 [or 3], wherein said lens having a positive refractive power is a rod lens having a gradient index distribution in a direction of a radius thereof.
- 9. An optical coupling system according to claim 1 [or 3], wherein said lens having a positive refractive power is a plano-convex lens having a gradient index distribution in a direction of an optical axis thereof.
- 10. An optical coupling system according to claim
  1 [or 3], wherein said lens having a positive
  refractive power is a plano-convex lens made of a
  homogeneous material.
  - 11. An optical coupling system according to claim 1 [or 3], wherein said lens having a positive refractive power is a sphere lens made of a homogeneous material.
  - 12. An optical coupling system according to claim 1 [or 3], wherein said lens having a positive refractive power has a grating lens surface.

## REMARKS

This Preliminary Amendment has been made to eliminate multiple dependencies in claims 5, 6, 8, 9, 10, 11 and 12. Claims 1-17 remain active in the application. Early and favorable consideration is respectfully requested.

Respectfully submitted

Marshall M. Curtis Reg. No. 33,138

30743